

NHL GM FOR A DAY



THE GAME PLAN

Grade 6 Math students had the great opportunity to be an NHL General Manager for a day with a \$100,000,000.00 budget at their fingertips. They had to create a roster, make trades, and hire any other necessary staff. Throughout the project they implemented their knowledge of whole number operations, decimals, fractions, graphs, tables of data, data collection, percent, statistics, ratios, and more!

WHAT EXCITED ME?

SO much! My students had fun, they were engaged and had the opportunity to be creative, they were motivated, they were leaders to their peers teaching programs such as Logo Maker and Canva, and extended parts of the project on their own. CCS students went beyond their math knowledge and used their background knowledge of servant working, community building and Black History Month and incorporated it into the assignment. Examples of this included hiring Willie O'Ree and Jarome Iginla to coach their respective teams and giving their remaining budget to charity (The Flames Foundation).

I loved seeing the students light up while using critical thinking skills and problem solving skills through this authentic assignment. They also thought it was pretty cool when they learned how to make a variety of graphs in sheets and design their own logo for their team jersey. Math is all around us and numbers help us understand the world. Real-life applications of Math are endless. Learning more about this great Canadian game was a bonus!

Creating authentic Math assignments facilitates students conceptual understanding by intentionally connecting math concepts, skills and strategies to meaningful experiences. The likelihood of students remembering what they have learned and being able to apply and extend their understanding increases and they don't think "math is hard."

Shauna Gooliaff

FEEDBACK

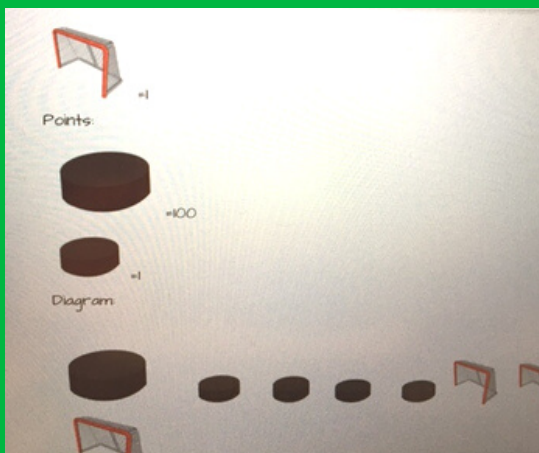
ABOUT THE PROJECT:

STUDENT: THE GM FOR A DAY WAS A COOL MATH PROJECT, ESPECIALLY BECAUSE I LOVE SPORTS. MY FAVOURITE PART OF THE ASSIGNMENT WAS DESIGNING THE JERSEYS, IT WAS FUN TO BE CREATIVE. I WAS SURPRISED TO SEE HOW MUCH MATH IS INVOLVED IN HOCKEY.

PARENT: IT WAS SO GREAT TO SEE HOW THE STUDENTS COULD APPLY WHAT THEY HAVE LEARNED ABOUT RATIOS, DECIMALS AND PERCENTAGES TO A REAL LIFE EXAMPLE. THE ASSIGNMENT ALSO HAD A FUN ELEMENT WHICH ALLOWED THEM TO BRING OUT THEIR CREATIVITY AND PASSION.

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Images of student work:



Front Office		A. COACH		T R A I N E R		P R E S I D E N T		O W N E R	
Poe	Ryan Mountcastle	Lamar Jackson	John Means	The Oriole Bird					
\$6M	\$5.5M	\$4.5M	\$6.5M	\$7M					
Total spent: \$29.5M									



Connor McDavid.

33 goals 104 points = 33104

Equivalent Ratios: 132:416, 165:520

Visual diagram:

Goals:

= 30

